

Fact Sheet 10

BUILDING 56 (Study Area 15)**NAVAL CONSTRUCTION BATTALION CENTER, DAVISVILLE****NORTH KINGSTOWN, RHODE ISLAND****MARCH 1998**

Introduction

Investigations of Building 56 (Study Area 15) at the former Naval Construction Battalion Center (NCBC) Davisville, Rhode Island, have resulted in the recommendation that no further hazardous waste studies or remediations are required.

Building 56 has been investigated under the Navy's Installation Restoration (IR) Program, which identifies and investigates environmental sites of concern resulting from past military use and operations. Under the IR Program, the Navy is the "lead agency" for all environmental investigations at NCBC Davisville in coordination with the U.S. Environmental Protection Agency (EPA) Region I and the Rhode Island Department of Environmental Management (RIDEM), the federal and state "supporting agencies".

The Navy's recommendation for Building 56 is contained within a No Further Action Decision Document (NFADD) which is now available for public review and comment.

The No Further Action Recommendation

The Navy's recommendation for No Further Action is based on the results of completed investigations and removal actions. This Fact Sheet summarizes the conditions at Building 56, which do not pose unacceptable risks to human health or the environment.

How to find out more information about the No Further Action decision

During the comment period, the public is invited to review the documents and correspondence supporting the NFADD. These documents have been compiled into an Administrative Record. An Administrative Record Index listing the relevant documents is also available for your review.

Where you can go to review documents... **NORTH KINGSTOWN FREE LIBRARY**

100 Boone Street
North Kingstown, RI 02852

Hours:

Monday - Thursday, 9:00 a.m. - 6:30 p.m.
Friday and Saturday, 9:00 a.m. - 5:00 p.m.

CARETAKER SITE OFFICE

NCBC Davisville
1330 Davisville Road, First Floor
North Kingstown, RI 02852

Hours (by appointment):

Tuesday - Friday, 7:30 a.m. - 4:00 p.m.

Contact: Mr. Walter Davis at
(401) 294-6108 or Fax (401) 294-2207

What do you think?

Public comments are an important part of the decision-making process for Building 56. Based upon new information or public comments, the recommendation for No Further Action can be revisited. Therefore, the Navy is encouraging the public to provide comments on the NFADD.

You do not have to be a technical expert to comment—the Navy wants to hear your comments before making a final decision.

Send written comments by the end of the 30-day public comment period (postmarked no later than 2 May 1998) to the following address:

Mr. Philip S. Otis, P.E.
Remedial Project Manager (Code 1823/PO)
Northern Division,
Naval Facilities Engineering Command
10 Industrial Highway, Mail Stop #82
Lester, PA 19113-2090
fax: (610) 595-0555

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Upon acceptance of the No Further Action decision, the Navy, EPA, and RIDEM will sign the NFADD and the environmental investigations at this Study Area will be completed.

Site History

In 1989, NCBC Davisville (the Base) was added to the National Priorities List (54 Federal Register 48184, 1989). NCBC Davisville is located in the Town of North Kingstown, Rhode Island, approximately 18 miles south of the state capital, Providence.

Adjoining the southern boundary of the Base is the decommissioned Naval Air Station (NAS) Quonset Point (transferred to the Rhode Island Economic Development Corporation and others between 1975 and 1980). Adjoining the Base to the north and west is the Mountview residential community.

NCBC Davisville was decommissioned on 25 March 1994 and was closed on 1 April 1994.

Building 56 was a 1,092 sq ft, one-story, two-room masonry structure on a concrete slab foundation constructed in 1944. Its former uses reportedly included "re-refining oil"; paint storage, mixing, and spraying; and pesticide storage and mixing. From 1985 to 1997, containerized hazardous materials were temporarily stored in the building (less than 90 days) prior to shipment for offsite disposal. Building 56 was identified as Study Area 15 for investigation as part of the 1992 Federal Facilities Interagency Agreement (FFA). The building was demolished in 1997. The location of Building 56 is in the right-of-way of a proposed new access road.

Field Investigations Performed

Study Area Screening Evaluation (SASE)

The Navy completed a SASE of Building 56 in September 1994. During the SASE, various organic and inorganic constituents were detected in surface soil samples, subsurface soil samples, wipe samples from stained areas inside and outside of the building, and a sample of sediment from a drain connection leading from the building's former wash rack to a wastewater treatment facility. However, concentrations of these constituents were generally below screening criteria appropriate for the intended industrial/commercial reuse of the area.

Environmental Baseline Survey (EBS)

A septic tank associated with Building 56 was assessed under the Phase II EBS and was subsequently removed by the Navy's Remedial Action Contractor.

Lead in Soil Assessment

Lead in soil associated with deteriorated lead-based paint was assessed, and some soil was removed as documented in the "Contractor's Close-out Report for Removal of Lead-Contaminated Soil", issued in December 1997.

Building Demolition

The superstructure of Building 56 was demolished on 19 September 1997 and additional confirmatory samples were collected. The concrete rubble was disposed offsite. A manhole that was connected to a floor drain in the building and to the sanitary sewer line has been cleaned. The pipes have been grouted and the manhole was backfilled by the Remedial Action Contractor. Results from post-demolition sampling also support the no further action decision. The contractor's close-out report was issued in February 1998.

Risk Evaluations

An evaluation of potential risk to human health and the environment associated with exposure to environmental media at Building 56 is presented in the NFADD.

Human Health Risk Assessment

No risks associated with exposure to ground water at Building 56 were identified. Ground water is classified as "GB" by the state of Rhode Island which means it is not suitable for drinking without treatment. There are no ground-water users, and therefore, no risk to human receptors associated with exposure to ground water.

No risks to construction or utility workers, or users of commercial/industrial facilities due to exposure to site soil were identified.

Several metals including lead and beryllium were detected in surface soil at levels that exceed RIDEM Residential Direct Exposure criteria. However, the detection of lead was at a location from which soil was removed during the removal of lead-contaminated soil. The level of beryllium barely exceeded the residential criterion and was within

NCBC Davisville background levels. Therefore, no restrictions regarding residential use are warranted, especially given that the site is located in the right-of-way of a proposed access road.

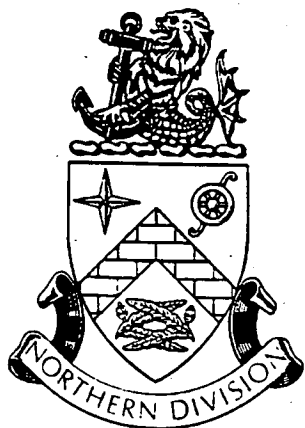
Summary of Ecological Risk Concerns under Current Conditions

Risks to ecological receptors due to exposure to surface soil were not identified at Building 56 Study Area. The area is too small to result in significant exposure of the terrestrial biota to site soil, and the levels of constituents identified at Study Area 15 are not likely to cause acute or chronic adverse effects to terrestrial receptors.

Summary

No further action is recommended for Building 56 based on the following:

- Elevated levels of lead in soil (attributed to deteriorating lead-based paint on the outside of the building) have been removed.
- Concentrations of other organic and inorganic compounds detected in soils are within acceptable regulatory levels.
- No adverse risks to human health or the environment have been identified with respect to the intended reuse of the site (roadway easement).
- Facilities associated with past operations at the building (i.e., septic tank for, and piping from, the building) have been removed.
- The building has been demolished and the Close-Out Report (which documents proper disposal of building debris and follow-up sampling) has been approved by EPA and RIDEM.



Questions? For more information...

If you have any questions about the site or would like more information, call or write to:

- Mr. Philip S. Otis, P.E.
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Naval Facilities Engineering Command
Code 1823/PO
10 Industrial Highway, Mail Stop #82
Lester, PA 19113-2090
Phone: (610) 595-0567, ext. 155
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- Mr. Walter Davis
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1330 Davisville Road, First Floor
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Phone: (401) 294-6108
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- Ms. Christine Williams
Remedial Project Manager
U.S. Environmental Protection Agency, Region I
Office of Site Remediation and Restoration
JFK Federal Building (HBT)
Boston, MA 02203-2211
Phone: (617) 573-5736
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- Mr. Richard Gottlieb, P.E.
Principal Sanitary Engineer
Rhode Island Department of Environmental Management
Office of Waste Management
235 Promenade Street
Providence, RI 02908-5767
Phone: (401) 222-2797, ext. 7138
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COMMENT SHEET - Building 56 No Further Action Decision Document

You may use this form to send in your written comments on the NFADD. Please send your comments to the address shown below **postmarked no later than 2 May 1998.**

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Postage

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